

中空型
Hollow type(ST/ SN-III)

SERIES INTRODUCTION
系列介绍

ST-III 系列Series
大口径中空孔扁平形状，易于操作的组合化产品。

A combination product that with large diameter hollow hole, flat shape, which is easy to operate.

SN-III 系列Series
轻量型产品，相比标准品，重量减少了20%。

Light weight product, 20% lighter than standard products.

应用领域 Application

工业机器人 Industrial robots

服务机器人 Service Robots

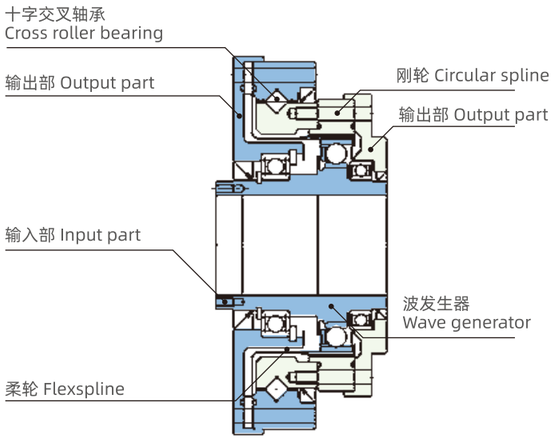
医疗器械设备 Medical Devices

印刷电路制造设备 Printed circuit manufacturing equipment

自动化及特种设备 Automation and special equipment

ST/ SN-III系列组合型结构 Combinative structure of ST/ SN-III series

中空型 Hollow type
(ST/ SN-III)



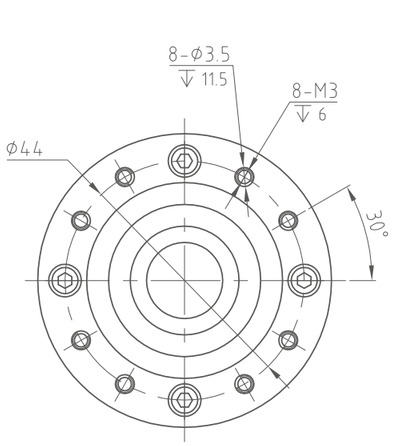
ST/ SN-III额定参数表 Rated parameter table of ST/ SN-III series

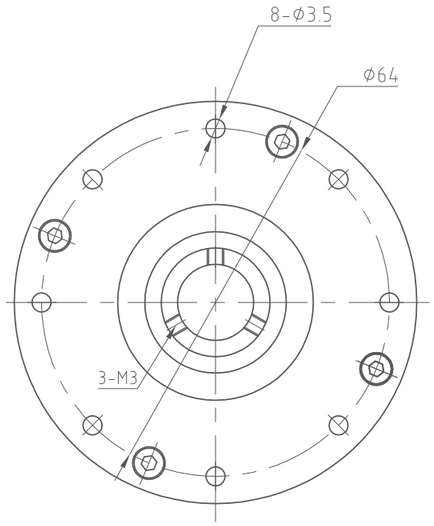
型号 Model	速比 Reduction ratio	输入2000r/min时的额定转矩 Rated torque at 2000r/min input		起动停止时的容许峰值转矩 Permissible peak torque at start and stop		平均负载转矩的容许最大值 Permissible maximum value for average load torque		瞬间容许最大转矩 Permissible maximum momentary torque		容许最高输入转速（脂润滑） Permissible maximum input rotational speed (Grease)	容许平均输入转速（脂润滑） Permissible average input rotational speed (Greaae)	背隙 Backlash	设计寿命 Desian life
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	Hour
14	50	5.4	0.55	18	1.8	6.9	0.70	35	3.6	8500	3500	≤20	10000
	80	7.8	0.80	23	2.4	11	1.1	47	4.8				15000
	100	7.8	0.80	28	2.9	11	1.1	54	5.5				15000
	120	7.8	0.80	28	2.9	11	1.1	54	5.5				15000
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500	≤20	10000
	80	22	2.2	43	4.4	27	2.7	87	8.9				15000
	100	24	2.4	54	5.5	39	4.0	110	11				15000
	120	24	2.4	54	5.5	39	4.0	86	8.8				15000
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500	≤20	10000
	80	34	3.5	74	7.5	47	4.8	127	13				15000
	100	40	4.1	82	8.4	49	5.0	147	15				15000
	120	40	4.1	87	8.9	49	5.0	147	15				15000
	160	40	4.1	92	9.4	49	5.0	147	15				15000
25	50	39	4.0	98	10	55	5.6	186	19	5600	3500	≤20	10000
	80	63	6.4	137	14	87	8.9	255	26				15000
	100	67	6.8	157	16	108	11	284	29				15000
	120	67	6.8	167	17	108	11	304	31				15000
32	50	76	7.8	216	22	108	11	382	39	4800	3500	≤20	10000
	80	118	12	304	31	167	17	568	58				15000
	100	137	14	333	34	216	22	647	66				15000
	120	137	14	353	36	216	22	686	70				15000
40	50	137	14	402	41	196	20	686	70	4000	3000	≤20	10000
	80	206	21	519	53	284	29	980	100				15000
	100	265	27	568	58	372	38	1080	110				15000
	120	294	30	617	63	451	46	1180	120				15000

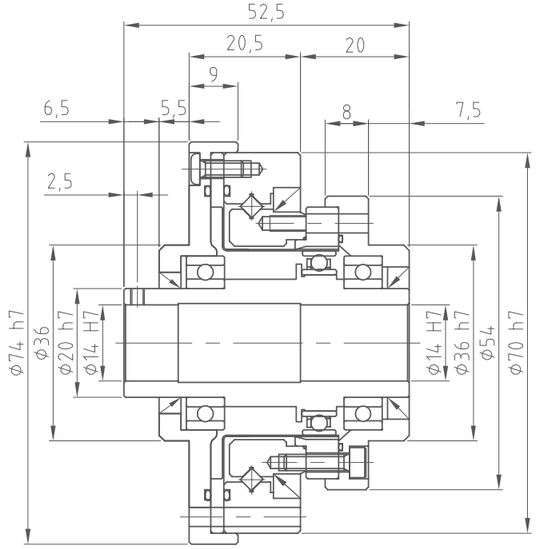
ST/ SN-14-XX-U-III

14型谐波减速器 14 harmonic reducer

结构图 STRUCTURE CHART



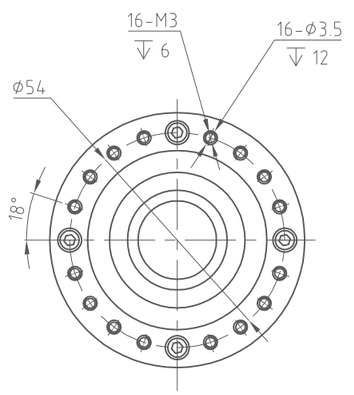


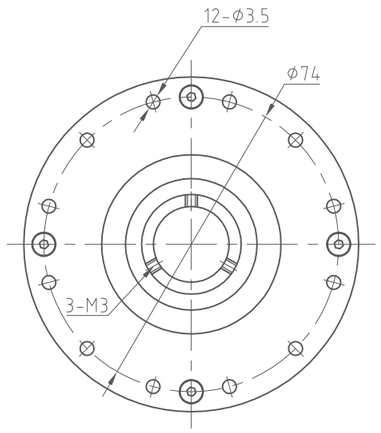


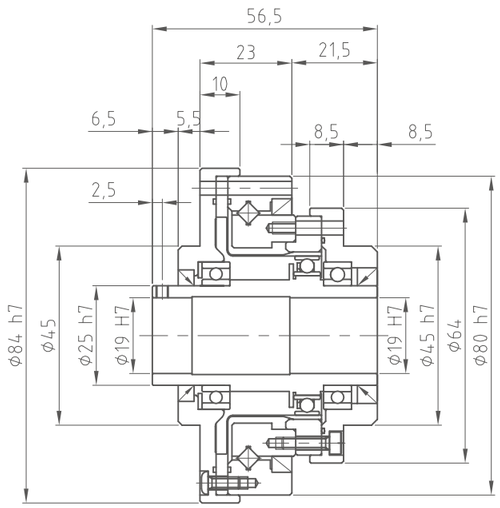
ST/ SN-17-XX-U-III

17型谐波减速器 17 harmonic reducer

结构图 STRUCTURE CHART



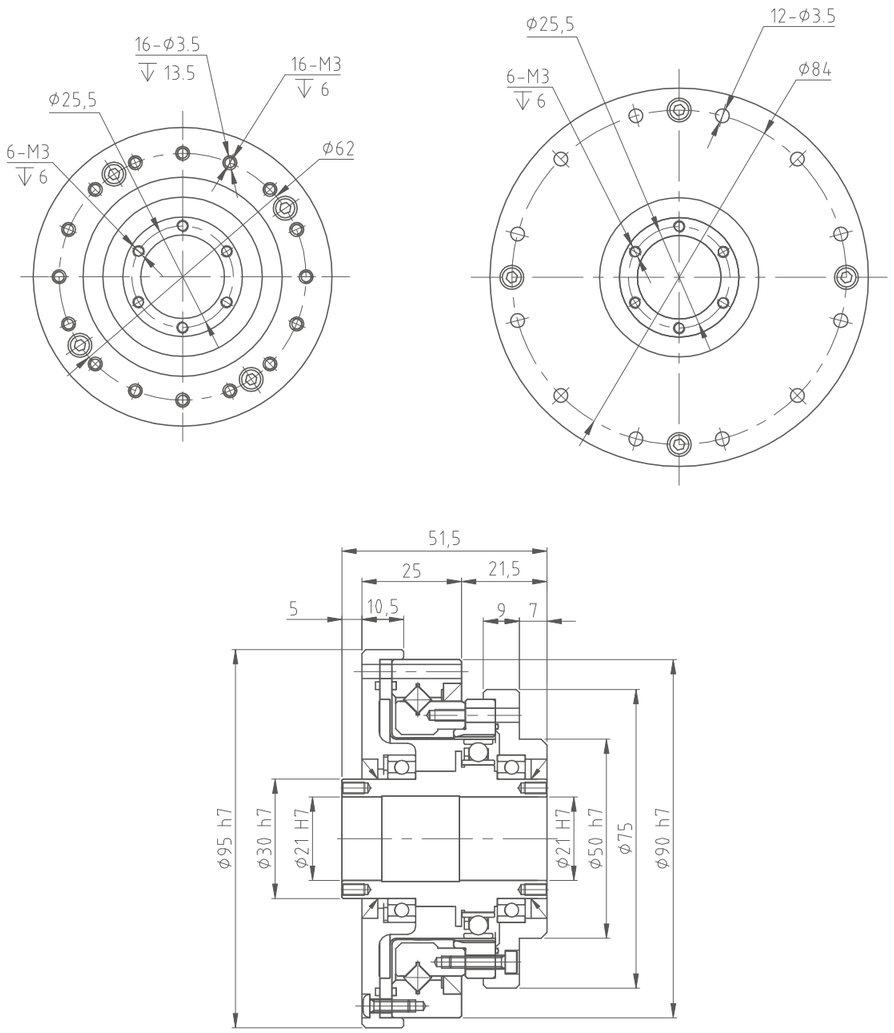




ST/ SN-20-XX-U-III

20型谐波减速器 20 harmonic reducer

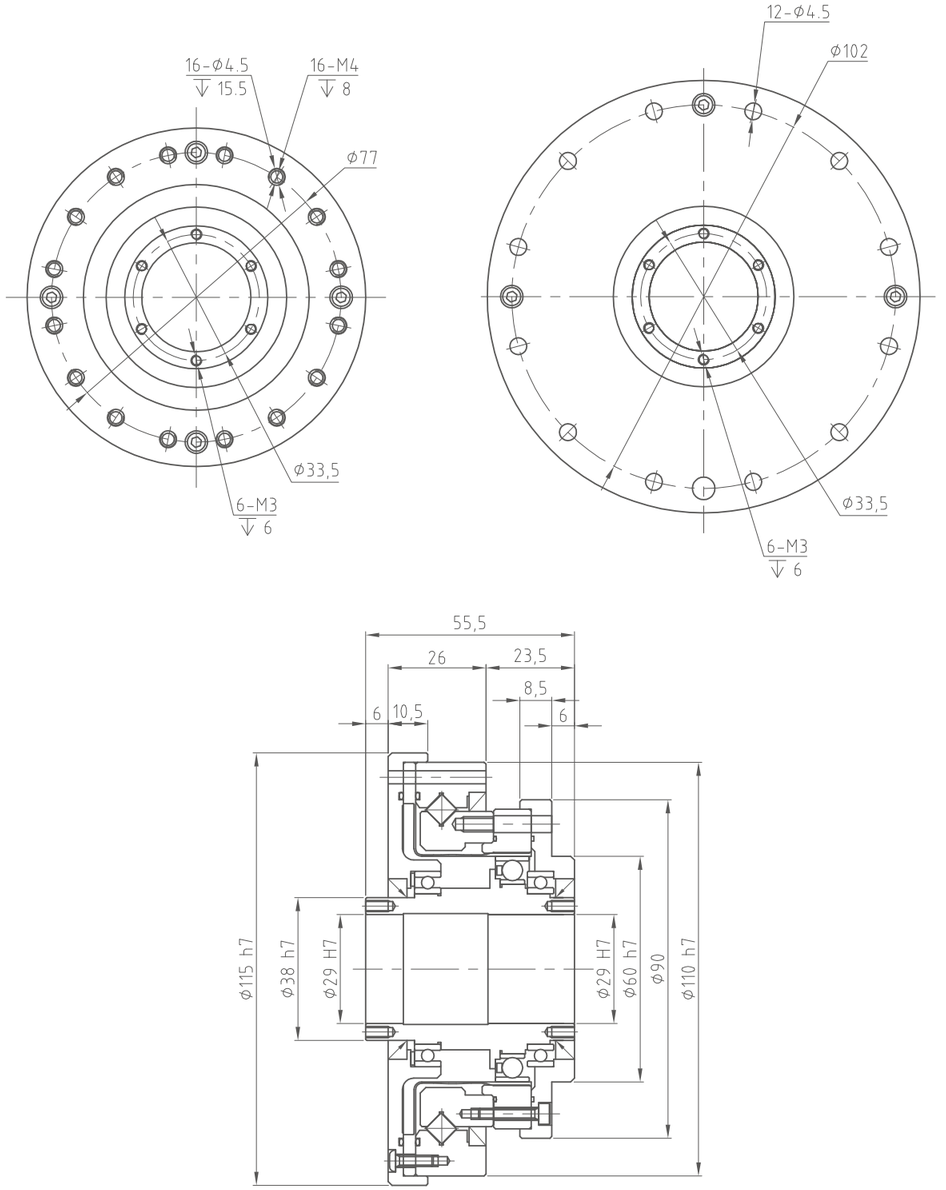
结构图 STRUCTURE CHART



ST/ SN-25-XX-U-III

25型谐波减速器 25 harmonic reducer

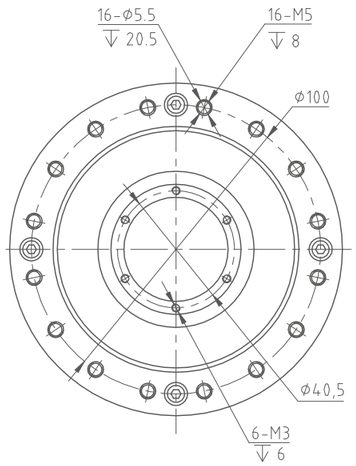
结构图 STRUCTURE CHART

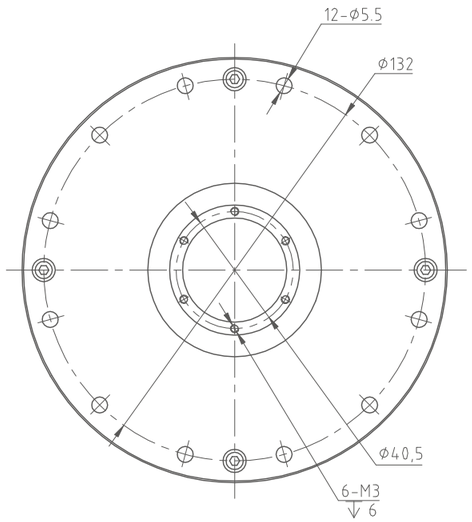


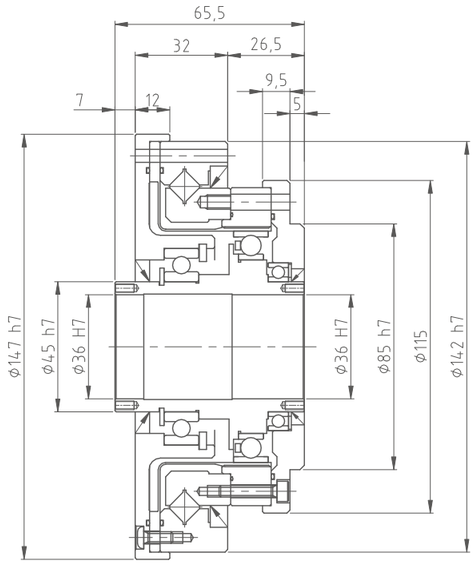
ST/ SN-32-XX-U-III

32型谐波减速器 32 harmonic reducer

结构图 STRUCTURE CHART



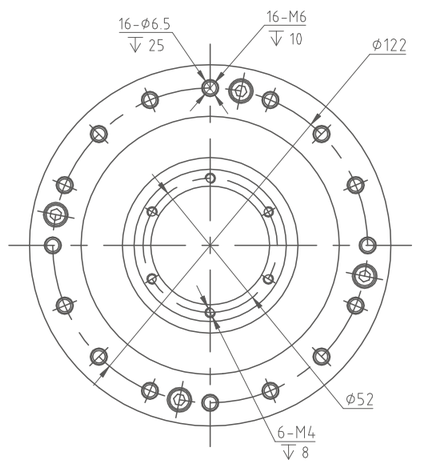


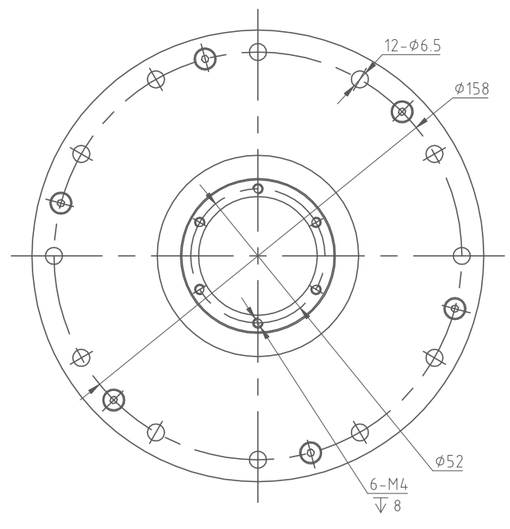


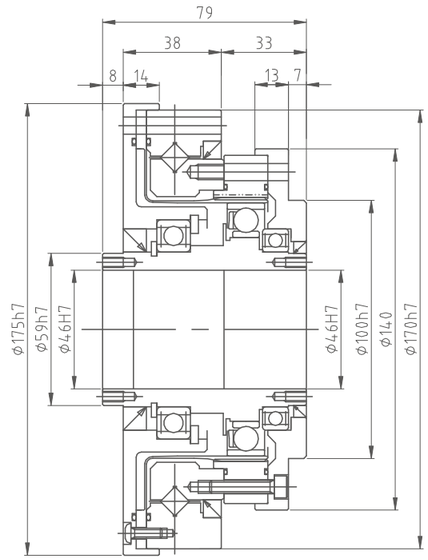
ST/ SN-40-XX-U-III

40型谐波减速器 40 harmonic reducer

结构图 STRUCTURE CHART









输入轴型
Input axial type(ST/ SN-IV)

SERIES INTRODUCTION
系列介绍

ST-IV 系列Series
大口径中空孔扁平形状，易于操作的组合化产品。

A combination product that with large diameter hollow hole, flat shape, which is easy to operate.

SN-IV 系列Series
轻量型产品，相比标准品，重量减少了20%。

Light weight product, 20% lighter than standard products.

应用领域 Application

工业机器人 Industrial robots

服务机器人 Service Robots

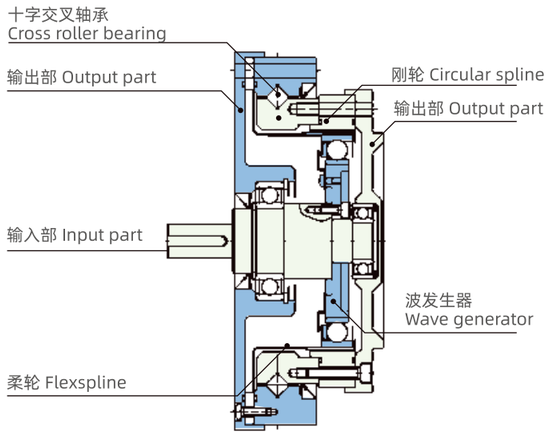
医疗器械设备 Medical Devices

印刷电路制造设备 Printed circuit manufacturing equipment

自动化及特种设备 Automation and special equipment

ST/ SN-IV系列组合型结构 Combinative structure of ST/ SN-IV series

输入轴型 Input axial type (ST/ SN-IV)



ST/ SN-IV额定参数表 Rated parameter table of ST/ SN-IV series

型号 Model	速比 Reduction ratio	输入2000r/min时的额定转矩 Rated torque at 2000r/min input		起动停止时的容许峰值转矩 Permissible peak torque at start and stop		平均负载转矩的容许最大值 Permissible maximum value for average load torque		瞬间容许最大转矩 Permissible maximum momentary torque		容许最高输入转速（脂润滑） Permissible maximum input rotational speed (Grease)	容许平均输入转速（脂润滑） Permissible average input rotational speed (Greaae)	背隙 Backlash	设计寿命 Desian life
		Nm	kgfm	Nm	kgfm	Nm	kgfm	Nm	kgfm	r/min	r/min	Arc Sec	Hour
14	50	5.4	0.55	18	1.8	6.9	0.70	35	3.6	8500	3500	≤20	10000
	80	7.8	0.80	23	2.4	11	1.1	47	4.8				15000
	100	7.8	0.80	28	2.9	11	1.1	54	5.5				15000
	120	7.8	0.80	28	2.9	11	1.1	54	5.5				15000
17	50	16	1.6	34	3.5	26	2.6	70	7.1	7300	3500	≤20	10000
	80	22	2.2	43	4.4	27	2.7	87	8.9				15000
	100	24	2.4	54	5.5	39	4.0	110	11				15000
	120	24	2.4	54	5.5	39	4.0	86	8.8				15000
20	50	25	2.5	56	5.7	34	3.5	98	10	6500	3500	≤20	10000
	80	34	3.5	74	7.5	47	4.8	127	13				15000
	100	40	4.1	82	8.4	49	5.0	147	15				15000
	120	40	4.1	87	8.9	49	5.0	147	15				15000
	160	40	4.1	92	9.4	49	5.0	147	15				15000
25	50	39	4.0	98	10	55	5.6	186	19	5600	3500	≤20	10000
	80	63	6.4	137	14	87	8.9	255	26				15000
	100	67	6.8	157	16	108	11	284	29				15000
	120	67	6.8	167	17	108	11	304	31				15000
32	50	76	7.8	216	22	108	11	382	39	4800	3500	≤20	10000
	80	118	12	304	31	167	17	568	58				15000
	100	137	14	333	34	216	22	647	66				15000
	120	137	14	353	36	216	22	686	70				15000
40	50	137	14	402	41	196	20	686	70	4000	3000	≤20	10000
	80	206	21	519	53	284	29	980	100				15000
	100	265	27	568	58	372	38	1080	110				15000
	120	294	30	617	63	451	46	1180	120				15000